

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A document layout processing device comprising:
 - at least one processor;
 - at least one memory coupled to the processor configured to execute programmed instructions stored in the memory comprising:
 - a comparison system configured to compare one or more elements of at least a portion of an original document against the same types of elements in at least a portion each of a plurality of stored documents, wherein the portion of the original document is the portion that requires adjustment or re-layout;
 - a determination system configured to identify a particular stored document in the plurality of stored documents, with the portion which is closest to the portion of the original document based on the comparing;
 - an identification system configured to identify a designated output system; and
 - a mutation system configured to apply one or more mutators, to the portion of the original document which were applied to mutate the portion of the identified stored document, to form a mutated portion in the original document, having obtained one or more mutators from a list of stored mutators which correspond to particular types of documents, wherein the mutation system determines which of the one or more mutators to apply based on one or more characteristics of the designated output system and the type of document that matches the portion of the original document.
2. (Previously Presented) The device as set forth in claim 1 wherein the processor is further configured to execute programmed instructions stored in the memory comprising a selection system configured to select the portion of the original document for the comparing.
3. (Previously Presented) The device as set forth in claim 1 wherein the determination system further comprises a scoring system configured to generate a score for

each of the comparisons of the portion of the original document against each of the portions of each of the plurality of stored documents, wherein the determination system identifies the particular stored document with the portion with the score which is closest to the portion of the original document based on the generated scores.

4. (Previously Presented) The device as set forth in claim 1 wherein the processor is further configured to execute programmed instructions stored in the memory comprising an ordering system configured to determine an order for the mutation system to apply the mutators to the portion of the original document.

5. (Previously Presented) The device as set forth in claim 1 wherein the processor is further configured to execute programmed instructions stored in the memory comprising an application system configured to determine which of the one or more mutators which were used in the portion of the identified stored document are to be used by the mutation system on the original document.

6. (Previously Presented) The device as set forth in claim 1 wherein the processor is further configured to execute programmed instructions stored in the memory comprising an output system which outputs the original document after application of the mutators.

7. (Previously Presented) The device as set forth in claim 6 wherein the processor is further configured to execute programmed instructions stored in the memory comprising an identification system configured to identify the output system wherein one of the elements used in the comparison system is the identified output system against an output system used for each of the stored documents and wherein the determination system uses the comparison of the identified output system against an output system used for each of the stored documents in identifying the stored document with the portion which is closest to the portion of the original document.

8. (Previously Presented) The device as set forth in claim 1 wherein the processor is further configured to execute programmed instructions stored in the memory

comprising storing the output, original document with the applied mutators as one of the stored documents.

9. (Currently Amended) A method comprising:
comparing one or more elements of at least a portion of an original document against the same types of elements in at least a portion each of a plurality of stored documents, wherein the portion of the original document is the portion that requires adjustment or re-layout;
identifying a particular stored document in the plurality of stored documents, with the portion which is closest to the portion of the original document based on the comparing;
an identification system configured to identify a designated output system; and
applying one or more mutators to the portion of the original document which were applied to mutate the portion of the identified stored document, to form a mutated portion in the original document, having obtained one or more mutators from a list of stored mutators which correspond to particular types of documents, wherein the applying further comprises determines which of the one or more stored mutators to apply based on one or more characteristics of the designated output system and the type of document that matches the portion of the original document.

10. (Original) The method as set forth in claim 9 further comprising performing the comparing, the identifying, and the applying on one or more other portions of the original document.

11. (Original) The method as set forth in claim 9 further comprising selecting the portion of the original document for the comparing.

12. (Previously Presented) The method as set forth in claim 9 wherein the identifying further comprises:

generating a score for each of the comparisons of the portion of the original document against each of the portions of each of the plurality of stored documents;
and

identifying the particular stored document with the portion with the score which is closest to the portion of the original document based on the generated scores.

13. (Original) The method as set forth in claim 9 further comprising determining an order for the applying of the mutators to the portion of the original document.

14. (Original) The method as set forth in claim 9 wherein the applying further comprises determining which of the one or more mutators which were used in the portion of the identified stored document to use in the applying.

15. (Original) The method as set forth in claim 9 further comprising outputting the original document after application of the mutators.

16. (Original) The method as set forth in claim 9 further comprising identifying an output system on which the outputting of the original document with the applied mutators will occur wherein one of the elements in the comparing is the type of output system used in the outputting.

17. (Original) The method as set forth in claim 9 further comprising storing the output, original document with the applied mutators as one of the stored documents.

18. (Currently Amended) A computer readable medium having stored thereon instructions for dynamic document layout which when executed by a processor, causes the processor to perform steps comprising:

comparing one or more elements of at least a portion of an original document against the same types of elements in at least a portion each of a plurality of stored documents, wherein the portion of the original document is the portion that requires adjustment or re-layout;

identifying a particular stored document, amongst the plurality of stored documents, with the portion which is closest to the portion of the original document based on the comparing;

identifying a designated output system; and

applying one or more mutators to the portion of the original document which were applied to mutate the portion of the identified stored document, to form a mutated portion in the original document, having obtained one or more mutators from a list of stored mutators which correspond to particular types of documents, wherein the applying further comprises determining which of the one or more stored mutators to apply based on one or more characteristics of the designated output system and the type of document that matches the portion of the original document.

19. (Original) The medium as set forth in claim 18 further comprising performing the comparing, the identifying, and the applying on one or more other portions of the original document.

20. (Original) The medium as set forth in claim 18 further comprising selecting the portion of the original document for the comparing.

21. (Previously Presented) The medium as set forth in claim 18 wherein the identifying further comprises:
generating a score for each of the comparisons of the portion of the original document against each of the portions of each of the plurality of stored documents;
and

identifying the particular stored document with the portion with the score which is closest to the portion of the original document based on the generated scores.

22. (Original) The medium as set forth in claim 18 further comprising determining an order for the applying of the mutators to the portion of the original document.

23. (Original) The medium as set forth in claim 18 wherein the applying further comprises determining which of the one or more mutators which were used in the portion of the identified stored document to use in the applying.

24. (Original) The medium as set forth in claim 18 further comprising outputting the original document after application of the mutators.

25. (Original) The medium as set forth in claim 18 further comprising identifying an output system on which the outputting of the original document with the applied mutators will occur wherein one of the elements in the comparing is the type of output system used in the outputting.

26. (Original) The medium as set forth in claim 18 further comprising storing the output, original document with the applied mutators as one of the stored documents.

27. (Previously Presented) The device of claim 1, wherein the one or more mutators include a font type adjustor adapted to electronically adjust a font of the portion of the original document, at least one color adjustor adapted to electronically adjust a color of the portion of the original document, and at least one of a line spacing adjustor and at least one section location adjustor in the portion of the original document, adapted to electronically adjust a line spacing and a section location, respectively, of the portion of the original document.

28. (Previously Presented) The method as set forth in claim 9, wherein the one or more mutators include a font type adjustor adapted to electronically adjust a font of the portion of the original document, at least one color adjustor adapted to electronically adjust a color of the portion of the original document, and at least one of a line spacing adjustor and at least one section location adjustor in the portion of the original document, adapted to electronically adjust a line spacing and a section location, respectively, of the portion of the original document.

29. (Previously Presented) The medium as set forth in claim 18, wherein the one or more mutators include a font type adjustor adapted to electronically adjust a font of the portion of the original document, at least one color adjustor adapted to electronically adjust a color of the portion of the original document, and at least one of a line spacing adjustor and at least one section location adjustor in the portion of the original document, adapted to electronically adjust a line spacing and a section location, respectively, of the portion of the original document.